

Converting Colors

$Yxy(43.8861, 0.4222, 0.3582)$

Have a look what the booklet for
Yxy(43.8861, 0.4222, 0.3582)
contains.

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Color

Yxy(43.9139, 0.4228, 0.3581)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F09C82 |
| RGB | 240, 156, 130 |
| RGB Percent | 94%, 61%, 51% |
| CMY | 0.0589, 0.3882, 0.4901 |
| CMYK | 0.00, 0.35, 0.46, 0.06 |
| HSL | 14°, 79%, 73% |
| HSV | 14°, 46%, 94% |
| XYZ | 51.8481, 43.9139, 26.8683 |
| YIQ | 178.1520, 58.4100, 9.7220 |

Conversions

Conversions Part 2

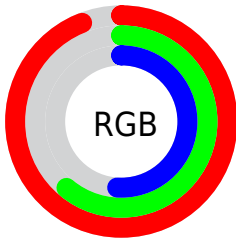
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 240, 164, 130 |
| Decimal | 15768706 |
| CIE Lab | 72.17, 28.49, 26.57 |
| CIE LCh | 72, 38.961, 43.003 |
| Yxy | 43.9139, 0.4228, 0.3581 |
| Android (android.graphics.Color) | 4293958786 (0xFFFF09C82) |
| YUV | 178.1520, -23.7389, 54.2407 |
| Hunter-Lab | 66.2676, 23.6911, 22.3481 |

Details

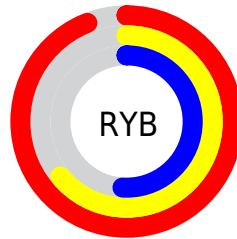
The Yxy color **43.9139, 0.4228, 0.3581** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.1189, 0.2457, 0.2966**, and the grayscale version is **44.7124, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2674, 0.3671, 0.3580**, and **20.3036, 0.4552, 0.3631** is the 20% darker color. If you saturate the color by 10%, you get **37.6514, 0.4591, 0.3633**, and if you desaturate by 10%, it is **51.2587, 0.3910, 0.3518**.

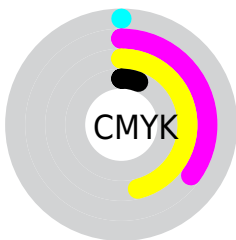
Distribution



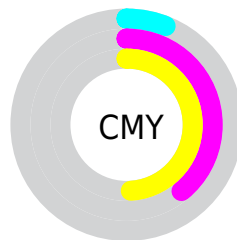
- Red (94%)
- Green (61%)
- Blue (51%)



- Red (94%)
- Yellow (64%)
- Blue (51%)



- Cyan (0%)
- Magenta (35%)
- Yellow (46%)
- Black (6%)





- Cyan (6%)
- Magenta (39%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9139, 0.4228, 0.3581 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 43.9139, 0.4228, 0.3581 by changing the saturation by 10% instead.


 43.9139, 0.4228,
0.3581


 43.9139, 0.4228,
0.3581


362.3568, 0.3668,
0.3460


 30.6028, 0.4368,
0.3602


 81.0882, 0.4024,
0.3543

 20.2966, 0.4547,
0.3624


 105.7202, 0.3947,
0.3527

 12.6108, 0.4782,
0.3643


 134.8946, 0.3883,
0.3513

 7.1611, 0.5101,
0.3649

168.9958, 0.3827,
0.3500

 3.5631, 0.5554,
0.3619

208.4082, 0.3780,
0.3488

 1.4323, 0.6414,
0.3586

253.5163, 0.3738,

 0.2403, 0.7941,

0.3478

0.2059

304.7044, 0.3701,
0.3469

0.0000, 0.0000,
0.0000

43.9139, 0.4228,
0.3581

43.9139, 0.4228,
0.3581

37.6514, 0.4591,
0.3633

51.2587, 0.3910,
0.3518

32.4127, 0.4986,
0.3666

59.7277, 0.3639,
0.3452

28.1434, 0.5387,
0.3667

69.3684, 0.3411,
0.3386

24.7811, 0.5753,
0.3628

80.2237, 0.3222,
0.3324

22.2552, 0.6036,
0.3550

92.3342, 0.3065,
0.3266

■ 21.4220, 0.6131,
0.3514

■ 97.2613, 0.3035,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.9139, 0.3982, 0.3149



43.9139, 0.4228, 0.3581



43.9139, 0.4143, 0.3989

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.9139, 0.4228, 0.3581



43.9139, 0.2725, 0.3907



43.9139, 0.2457, 0.2414

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.9139, 0.4228, 0.3581



59.1189, 0.2457, 0.2966

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.9139, 0.2186, 0.2519



43.9139, 0.4228, 0.3581



43.9139, 0.2325, 0.3354

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.9139, 0.4228, 0.3581



43.9139, 0.3256, 0.4257



43.9139, 0.2139, 0.2843



43.9139, 0.2920, 0.2508

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.9139, 0.4228, 0.3581



43.9139, 0.3923, 0.4195



43.9139, 0.2139, 0.2843



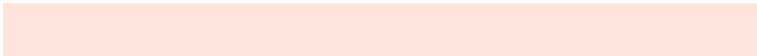
43.9139, 0.2343, 0.2425

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.9161, 0.4228, 0.3581



81.7348, 0.3375, 0.3375



39.3626, 0.3422, 0.2401



16.9454, 0.3420, 0.3389



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.9161, 0.4228, 0.3581



43.6441, 0.4566, 0.3630



66.5505, 0.3939, 0.4150



16.3654, 0.3287, 0.3347



11.8988, 0.6105, 0.3535



1.1383, 0.5853, 0.3735

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59.1189, 0.2457, 0.2966



63.0047, 0.2344, 0.2887



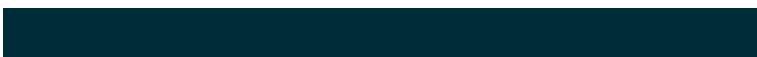
35.9505, 0.2326, 0.2237



17.2585, 0.2981, 0.3233



22.2552, 0.2030, 0.2508



2.0023, 0.2062, 0.2623

Previews

White Background



This preview shows how the Yxy color 43.9139, 0.4228, 0.3581 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 43.9139, 0.4228, 0.3581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

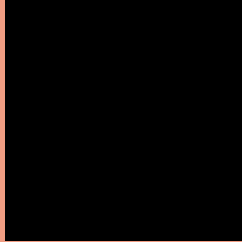
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9139, 0.4228, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 43.9139, 0.4228, 0.3581.



This preview shows how white text looks on a background with the Yxy color 43.9139, 0.4228, 0.3581.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.9139, 0.4228, 0.3581

Protanopia

44.1272, 0.3558, 0.3796

Deuteranopia

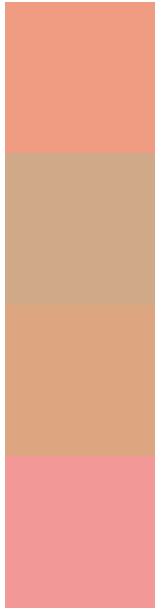
43.9834, 0.3895, 0.3825



Tritanopia

43.8322, 0.3939, 0.3160

Trichromacy



Original Color

43.9139, 0.4228, 0.3581

Protanomaly

43.5634, 0.3798, 0.3706

Deuteranomaly

43.8409, 0.4018, 0.3734

Tritanomaly

43.8941, 0.4048, 0.3315

Monochromacy



Original Color

43.9139, 0.4228, 0.3581

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.7402, 0.3496, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9139, 0.4228, 0.3581 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(240, 156, 130)` looks like.

```
.text, #text, p{  
    color:rgb(240, 156, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 156, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 156, 130) }
```

Border

The CSS property to change the border of an element to Yxy 43.9139, 0.4228, 0.3581 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 156, 130) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(240, 156, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(240, 156, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 156, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 156, 130);  
box-shadow:4px 4px 4px 4px rgb(240, 156,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9139, 0.4228, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 156, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
156, 130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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